Original / Duplicate / Triplicate

# CONTRACT CERTIFICATE

(For Other Works)

Date……20……

N… and Final bill
…vision-**Byatarayanapura Division**

Bill Received No……Dated……Cash Book Voucher No……dated……
Scheduled Docket No…… Head of Account:

**Name of Work:** Improvements to Roads and Drains at Kallappa Layout, Gopalappa Layout, Doddabommasandra 4th Block in Ward No 10 (Doddabommasandra) Vidyaranyapura Sub Division

**Contractor and Full Address**: Sri.V.Ponnuswamy

**Estimated Cost:**25.00 Lakhs

**Job code No:** 010-20-000079 P. 3726

**Work Order No**: BBMP/EE/BTP/ W.O /171/2020-21 **Date:** 13-01-2021

Certified that the measurements were taken by me on 4/11/21 and recorded in pages 559316 To 19
Of measurement Book No 5594 2020-21 and that the work is satisfactorily executed.

V. Ponn
**Contractor**

Sunitha N K
**Officer-in-charge of work**

Certified that the measurements were taken by me on 4/11/21 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

**Sub-Division Officer**

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

If Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being……percent Rs……
3) Deduct amount to be held in Balance
4) Deduct Payment :
   a) Amount of previous payment as in the Office Cash Book Voucher No……Dated……S.D No……
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied.
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office Cash Book Voucher No……
   date ……less adjustments
7) Net amount due to or from contractor

Unadjusted items

8) Advance to contractor for materials brought to site (as detailed) within value of Governme… materials supplied

Frosted final

BA - 2247400=00
BSD - 5,24,74=00
IT - 5,24,74=00
LC - 224,74=00
LBT - 11237=00
GST - 20067=00
GST - 20067=00
LC - 2850=00
EOT - 2020=00
T-D - 199189=00
Amount: 2048211=00

V. Ponn
**Contractor's Signature**

Received Rs……(in words)
By Cash and by adjustment of Payment as per memorandum.

Witnesses:

1.

2.

V. Ponn
Dated……Signature of Contractor

Paid by me by cheque No……Dated……

Cash Rs……Dated……

(For use in the Office)
P. 3726
2247400=00
199189=00
2048211=00

4/3

**Initials of Officer Making Payment**

**Executive Engineer**

**Name of work:Improvements to Roads and Drains at Kallappa Layout, Gopalappa Layout, Doddabommasandra 4th Block in Ward No 10 (Doddabommasandra) Vidyaranyapura Sub Division**

## ABSTRACT

| Sl No | Description of Work | Unit | As per Shedule -B | | | Previous Measurement | | Present Measurement | | | Up to date | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Rate | Amount | Qty | Amount | Qty | Rate in Rs. | Amount | Qty | Amount |
| 1 | Earthwork excavation by manual means for roads, drains & similar works in hard soil excavated surface leveled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. etc., complete as per the directions of the Engineer-in-charge of the work. | Cum | 151.20 | 165.00 | 24948.00 | – | – | 150.10 | 165.00 | 24765.68 | 150.10 | 24765.68 |
| 2 | Removing and refixing stone slabs of drains and pointing in CM (1:3) | Sqm | 340.20 | 99.00 | 33679.80 | – | – | 339.84 | 99.00 | 33644.16 | 339.84 | 33644.16 |
| 3 | Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. | Cum | 116.25 | 4801.00 | 558116.25 | – | – | 116.25 | 4801.00 | 558116.25 | 116.25 | 558116.25 |
| 4 | Providing and fixing Precast cover slab Made out of CC 1:2:4 with **10cm thick** and finishing cutting, including form work, curing,including cost of all materials, Labour, Hire Charges of machinery, loading,unloading,leaad and lift, transportation, etc complete.**Data Rate** | Sqm | 113.40 | 1800.00 | 204120.00 | – | – | 112.86 | 1800.00 | 203148.00 | 112.86 | 203148.00 |
| 5 | Excavation for roadwork in All types of Soil by Mechanical Means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications. MORTH Specification No.301 | Cum | 88.31 | 56.26 | 4968.32 | – | – | 88.31 | 56.26 | 4968.32 | 88.31 | 4968.32 |

Smitha .N.K
AE W10

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

| Sl No | Description of Work | Unit | As per Shedule -B | | | Previous Measurement | | Present Measurement | | | Up to date | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Rate | Amount | Qty | Amount | Qty | Rate in Rs. | Amount | Qty | Amount |
| 6 | KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 | Cum | 10.81 | 2001.28 | 21633.84 | – | – | 10.79 | 2001.28 | 21593.31 | 10.79 | 21593.31 |
| 7 | KSRRB 500-1. Cleaning the existing WBM road surface including removing of binding materials and other foreign matter with wire brushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and / or compressed air, to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specification clause 501 | Sqm | 217.10 | 22.26 | 4832.65 | – | – | 216.95 | 22.26 | 4829.20 | 216.95 | 4829.20 |
| 8 | KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502 | Sqm | 217.10 | 28.62 | 6213.40 | – | – | 216.95 | 28.62 | 6208.97 | 216.95 | 6208.97 |

Sunitha, N L
AE & JO

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

| Sl No | Description of Work | Unit | As per Shedule -B | | | Previous Measurement | | Present Measurement | | | Up to date | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Rate | Amount | Qty | Amount | Qty | Rate in Rs. | Amount | Qty | Amount |
| 9 | KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen | Cum | 10.86 | 6595.55 | 71627.67 | – | – | 10.85 | 6595.55 | 71543.58 | 10.85 | 71543.58 |
| 10 | KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specification clause 501 | Sqm | 1134.00 | 5.30 | 6010.20 | – | – | 1077.41 | 5.30 | 5710.25 | 1077.41 | 5710.25 |
| 11 | KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH/Chapter 5 | Sqm | 1134.00 | 12.72 | 14424.48 | – | – | 1077.41 | 12.72 | 13704.59 | 1077.41 | 13704.59 |

Smitha. N.R
AE I/C

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

| Sl No | Description of Work | Unit | As per Shedule -B | | | Previous Measurement | | Present Measurement | | | Up to date | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Rate | Amount | Qty | Amount | Qty | Rate in Rs. | Amount | Qty | Amount |
| 12 | KSRRB M500-19. Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 6 % VG-30 Bitumen | Cum | 45.36 | 7753.90 | 351716.90 | – | – | 43.10 | 7753.90 | 334163.63 | 43.10 | 334163.63 |
| 13 | KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 | Sqm | 50.40 | 454.74 | 22918.90 | – | – | 49.84 | 454.74 | 22664.24 | 49.84 | 22664.24 |
| 14 | KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202 | Cum | 155.00 | 800.00 | 124000.00 | – | – | 154.99 | 800.00 | 123988.80 | 154.99 | 123988.80 |

Smitha .NK
AE WD

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

| Sl No | Description of Work | Unit | As per Shedule -B | | | Previous Measurement | | Present Measurement | | | Up to date | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Rate | Amount | Qty | Amount | Qty | Rate in Rs. | Amount | Qty | Amount |
| 15 | Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum) | Cum | 116.25 | 4795.00 | 557418.75 | – | – | 116.25 | 4795.00 | 557418.75 | 116.25 | 557418.75 |
| | **Total** | | | | **2006629.16** | | | | | **1986467.71** | | **1986467.71** |
| | **GST Charges 12%** | | | | **240795.50** | | | | | **238376.13** | | **238376.13** |
| | **Grand Total** | | | | **2247424.66** | | | | | **2224843.84** | | **2224843.84** |

**CERTIFICATE**

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

Assistant Engineer
Ward No.10

Asst. Executive Engineer
Vidyaranyapura Sub division

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division